Application No. 10/042,359

VERSION WITH MARKINGS TO SHOW CHANGES MADE:

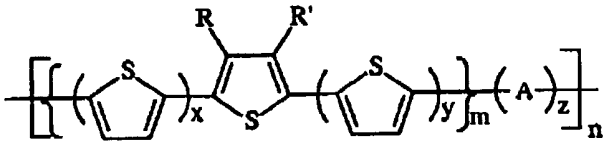
IN THE SPECIFICATION:

Page 1, line 6:

Illustrated in copending applications U.S. Serial No. [(not yet assigned - D/A1333)] 10/042,342, U.S. Serial No. [(not yet assigned - D/A1332)] 10/042,358, U.S. Serial No. [(not yet assigned - D/A1334)] 10/042,356, U.S. Serial No. [(not yet assigned - D/A1656)] 10/042,357, U.S. Serial No. [(not yet assigned - D/A1658)] 10/042,360, the disclosures of which are totally incorporated herein by reference, and filed concurrently herewith, all titled "Polythiophenes and Devices Thereof" and all filed January 11, 2002, are polythiophenes and devices thereof. The appropriate components, processes thereof and uses thereof illustrated in these copending applications may be selected for the present invention in embodiments thereof.

IN THE CLAIMS:

1. (Amended) Polythiophenes of the formula



wherein R and R' are side chains; A is a divalent arylene linkage; x and y represent the number of unsubstituted thienylene untis; z is [0 or] 1, and wherein the sum of x and y is greater than [zero] about 2; m represents the number of segments; and n represents the degree of polymerization.

2. (Amended) A polythiophene in accordance with claim 1 wherein said side chains R, and R' are independently selected from the group consisting of alkyl, alkyl derivatives of alkoxyalkyl; siloxy-substituted alkyl, perhaloalkyl and polyether; said A is [an alkylene or arylene optionally of] phenylene, biphenylene, phenanthrenylene, dihydrophenanthrenylene, fluorenylene[, oligoarylene, methylene, polymethylene, dialkylmethylene, dioxyalkylene, dioxyarylene, or oligoethylene oxide]; and n is from about 5 to about 5,000.

7. (Amended) A polythiophene in accordance with **claim 1** wherein x is a number of from [zero] 1 to about 10, [z is zero or 1,] and m is from 1 to about 5.

8. (Amended) A polythiophene in accordance with **claim 1** wherein x is a number of from about 1 to about 7, [z is zero or 1,] m is from 1 to about 5, and n is from about 5 to about 3,000.

14. (Amended) A polythiophene in accordance with **claim 1** wherein R and R' are selected from the group consisting of hexyl, heptyl, octyl, nonyl, decyl, undecyl, dodecyl, tridecyl, tetradecyl, and pentadecyl; A is selected from the group consisting of phenylene, biphenylene, and fluorenylene; x and y are each independently a number of from [zero] 2 to about 10; and m is a number of from 1 to about 5.

20. (Amended) A polythiophene in accordance with **claim 1** wherein x, y and m are from 1 to 3[, and z is 0 or 1].

21. (Amended) A polythiophene in accordance with **claim 1** wherein x, y and m are 1[, and z is 0 or 1].

22. (Amended) A polythiophene in accordance with **claim 1** wherein x, y are from 0 to 3, and m is from 1 to 3[, and z is 0 or 1].

23. (Amended) A polythiophene in accordance with **claim 1** wherein x, y and m are 1[, and z is 0].

25. (Amended) A polythiophene in accordance with **claim 1** wherein the sum of x and y is from about [1] 2 to about 10.

26. (Amended) A polythiophene in accordance with claim 1 wherein the sum of x and y is from about [1] 3 to about 5.